

City of San Diego  
Water Operations Division  
Water Quality Laboratory

Coliform Bacteria and Turbidity Results in New Mains  
For the Week of October 17 to October 21, 2005

Sample Date	WAO Number	Location (Sample Station)	Laboratory/ Field Analysis	Field Result	Laboratory Result	Pass/ Fail
19-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #1	FREE CHLORINE	0.11		Pass
19-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #1	TOTAL CHLORINE	1.91		Pass
19-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #1	PH	7.82		Pass
19-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #1	TEMPERATURE	23		Pass
19-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #1	E_COLI		A	Pass
19-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #1	TOTAL COLIFORM		A	Pass
19-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #1	PLATE COUNT		< 1.00	Pass
19-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #1	TURBIDITY		0.25	Pass
20-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #2	FREE CHLORINE	ND		Pass
20-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #2	TOTAL CHLORINE	1.74		Pass
20-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #2	PH	7.69		Pass
20-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #2	TEMPERATURE	22.5		Pass
20-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #2	E_COLI		A	Pass
20-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #2	TOTAL COLIFORM		A	Pass
20-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #2	PLATE COUNT		< 1.00	Pass
20-Oct-05	1277221	STA 17+62 FASHION VALLEY RD. #2	TURBIDITY		0.31	Pass
20-Oct-05	1238380	STA 101+40 ALTA VIEW DR.BLOW OFF #1	FREE CHLORINE	0.1		Pass
20-Oct-05	1238380	STA 101+40 ALTA VIEW DR.BLOW OFF #1	TOTAL CHLORINE	2.08		Pass
20-Oct-05	1238380	STA 101+40 ALTA VIEW DR.BLOW OFF #1	PH	7.73		Pass
20-Oct-05	1238380	STA 101+40 ALTA VIEW DR.BLOW OFF #1	TEMPERATURE	21.4		Pass
20-Oct-05	1238380	STA 101+40 ALTA VIEW DR.BLOW OFF #1	E_COLI		A	Pass
20-Oct-05	1238380	STA 101+40 ALTA VIEW DR.BLOW OFF #1	TOTAL COLIFORM		A	Pass
20-Oct-05	1238380	STA 101+40 ALTA VIEW DR.BLOW OFF #1	PLATE COUNT		< 1.00	Pass

EXPECTED RESULTS:

E-COLI=A=ABSENT/100ml

T-COLIFORM=A=ABSENT/100ml

PLATE COUNT<500 CFU/1ml

TURBIDITY<5.0 NTU

FREE CL<sub>2</sub> = ND - 4.0 mg/L

TOTAL CL<sub>2</sub> = .2mg/L - 4.0mg/L

PH = 6.5 - 8.5 ± .2

SYMBOLS:

A=ABSENT

P=PRESENT

E=ESTIMATED

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20-Oct-05	1238380	STA 101+40 ALTA VIEW DR.BLOW OFF #1	TURBIDITY		0.18	Pass
20-Oct-05	1238380	STA 25+70 ALTA VIEW DR#1	FREE CHLORINE	ND		Pass
20-Oct-05	1238380	STA 25+70 ALTA VIEW DR#1	TOTAL CHLORINE	2.06		Pass
20-Oct-05	1238380	STA 25+70 ALTA VIEW DR#1	PH	7.84		Pass
20-Oct-05	1238380	STA 25+70 ALTA VIEW DR#1	TEMPERATURE	22.1		Pass
20-Oct-05	1238380	STA 25+70 ALTA VIEW DR#1	E_COLI		A	Pass
20-Oct-05	1238380	STA 25+70 ALTA VIEW DR#1	TOTAL COLIFORM		A	Pass
20-Oct-05	1238380	STA 25+70 ALTA VIEW DR#1	PLATE COUNT		10	Pass
20-Oct-05	1238380	STA 25+70 ALTA VIEW DR#1	TURBIDITY		0.15	Pass
21-Oct-05	1238380	STA 101+40 ALTA VIEW DRIVE #2	FREE CHLORINE	0.12		Pass
21-Oct-05	1238380	STA 101+40 ALTA VIEW DRIVE #2	TOTAL CHLORINE	1.92		Pass
21-Oct-05	1238380	STA 101+40 ALTA VIEW DRIVE #2	PH	8.25		Pass
21-Oct-05	1238380	STA 101+40 ALTA VIEW DRIVE #2	TEMPERATURE	21.9		Pass
21-Oct-05	1238380	STA 101+40 ALTA VIEW DRIVE #2	E_COLI		A	Pass
21-Oct-05	1238380	STA 101+40 ALTA VIEW DRIVE #2	TOTAL COLIFORM		A	Pass
21-Oct-05	1238380	STA 101+40 ALTA VIEW DRIVE #2	PLATE COUNT		1	Pass
21-Oct-05	1238380	STA 101+40 ALTA VIEW DRIVE #2	TURBIDITY		0.43	Pass
21-Oct-05	1238380	STA 25+70 ALTA VIEW DRIVE #2	FREE CHLORINE	0.18		Pass
21-Oct-05	1238380	STA 25+70 ALTA VIEW DRIVE #2	TOTAL CHLORINE	2.04		Pass
21-Oct-05	1238380	STA 25+70 ALTA VIEW DRIVE #2	PH	8.4		Pass
21-Oct-05	1238380	STA 25+70 ALTA VIEW DRIVE #2	TEMPERATURE	22.1		Pass
21-Oct-05	1238380	STA 25+70 ALTA VIEW DRIVE #2	E_COLI		A	Pass

EXPECTED RESULTS:

E-COLI=A=ABSENT/100ml

T-COLIFORM=A=ABSENT/100ml

PLATE COUNT<500 CFU/1ml

TURBIDITY<5.0 NTU

FREE CL<sub>2</sub> = ND - 4.0 mg/L

TOTAL CL<sub>2</sub> = .2mg/L - 4.0mg/L

PH = 6.5 - 8.5 ± .2

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21-Oct-05	1238380	STA 25+70 ALTA VIEW DRIVE #2	TOTAL COLIFORM		A	Pass
21-Oct-05	1238380	STA 25+70 ALTA VIEW DRIVE #2	PLATE COUNT		< 1.00	Pass
21-Oct-05	1238380	STA 25+70 ALTA VIEW DRIVE #2	TURBIDITY		0.55	Pass

EXPECTED RESULTS:

E-COLI=A=ABSENT/100ml  
T-COLIFORM=A=ABSENT/100ml  
PLATE COUNT<500 CFU/1ml  
TURBIDITY<5.0 NTU  
FREE CL<sub>2</sub> = ND - 4.0 mg/L  
TOTAL CL<sub>2</sub> = .2mg/L - 4.0mg/L  
PH = 6.5 - 8.5 ± .2

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